

In the Specification:

Amend the specification by inserting before the first line, the sentence:

This application is a divisional application of Serial No. 09/930,699 filed on August 15, 2001.

Please amend the specification at page 9 in the paragraph starting at line 28, of page 8 as follows:

FIGS. 3 and 4 illustrate an exemplary design of the miniature multi-axis driving structure 300 for an artificial channel-cut crystal. The structure 300 consists of three sub-assemblies: one base structure 306 and two crystal holders. The base structure 306 includes a compact sine-bar driving mechanism 308 for the crystal pitch alignment, which is a key component of the whole structure. There are two groups 104, 106 of stacked thin metal weak-link structures 304 mounted on each side of a base plate 306. A sine-bar 308 is installed on the center of a planar rotary shaft 310 for the pitch alignment between the two silicon (4 4 0) single crystals 312, 314. Two linear drivers [316, 318] 320, 322 are mounted on the base plate serially to drive the sine-bar 308. The rough adjustment is performed by a motorized micro-actuator for pitch adjustment 320, such as a PicomotorTM, with a 20-nm to 30-nm step size. A closed-loop controlled piezoelectric transducer (PZT) 322, such as a QueensgateTM closed-loop controlled PZT 322 with capacitance sensor provides 1-nm resolution for the pitch fine alignment. A pair of commercial flexure bearings or springs 324 is mounted on one of the crystal holders [324] 326, and a Picomotor driven structure 328 provides the roll alignment for

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the crystal 314.